

Core
1-5, 7, 10-12

Extended
1-6, 8-13

Advanced
1-6, 8-13

Name: _____ Hour: _____

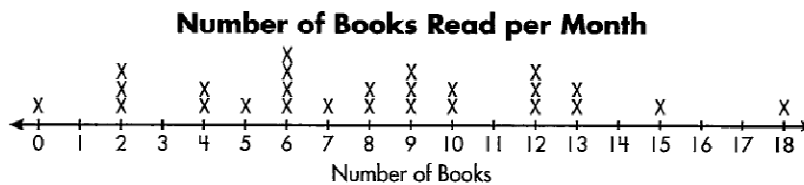
Stem & Leaf Plot Worksheet

1. During the summer Maddie plays in a softball league. Her team's scores this summer were: 19, 15, 22, 10, 37, 26, 37, 12, 5, 37, 19, 10, 39, and 16.

a. Draw a stem-and-leaf plot of the scores from Maddie's softball team.

b. What are the mean, median, mode(s) and range of the data?

Use the following line plot to answer questions 2-5



2. What is the most number of books read by a student?

3. What is the median number of books read?

4. What is the mode of the data?

5. How many total data points are represented on the line plot?

6. Make a stem and leaf plot of the following math test scores:

71, 80, 88, 83, 91, 80, 88, 83, 71, 80, 79, 71, 80

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7. Mallory recorded the heights (in inches) of all the students in her class in the stem-and-leaf plot below.

```
4 | 4 8 9
5 | 0 3 7 7 9
6 | 0 3 5 6 7
```

How tall is the tallest person in Shelby's class?

8. Zach and his friends went on a weekend fishing trip and recorded the number of fish that each of them caught in the stem-and-leaf plot below.

```
0 | 1 9 9
1 | 0 3 5
2 | 0 3 8
3 | 2 4
```

How many people went on the fishing trip?

9. The following stem-and-leaf plot shows the range of 10 numbers.

```
89 | 5
90 | 0 2 3
91 | 0 5 5
92 | 0 2 8
```

What is the highest number?

10. The following stem-and-leaf plot shows the range of 10 numbers.

```
89 | 5
90 | 0 2 3
91 | 0 5 5
92 | 0 2 8
```

What is the median value in the data set?

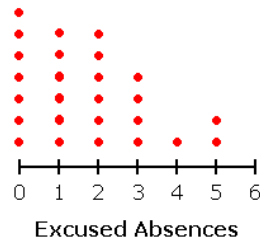
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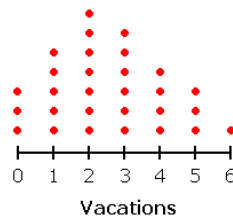
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11. The dot plot below shows the number of excused absences students in Mrs. Duncan's class have.



What is the mode of the number of excused absences?

12. The dot plot below shows the number of vacations taken by the eight-grade students at ITMS one year.



What is the median number of vacations taken?

13. The following data shows the resulting sum what a pair of six-sided number cubes are rolled 20 times: 7, 9, 2, 7, 6, 5, 9, 12, 12, 4, 7, 10, 7, 6, 9, 11, 3, 5, 11, 8
Construct a line plot of the data.

*Extra Credit: Create a box and whisker plot of the data in question 13